

### **Abstract**

Embodiments of the present invention provide a method and system for processing query messages over a network. Specifically, a plurality of queries may be extracted from a plurality of query messages received from a plurality of users over a network. A number of queries, included in the plurality of queries, may be determined, and a current sequence number may be associated with the plurality of queries. A request message may be created including the plurality of queries, a first sequence number equal to the current sequence number and a first message count equal to the number of queries. The request message may be sent to a search engine and a response message may be received from the search engine. The response message may include a plurality of replies, a second sequence number, a second message count, a third sequence number and a third message count. A plurality of reply messages may be created from the plurality of replies and sent to the plurality of users over the network.